

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM 518

1. PRODUCT NAME, NUMBER, SYNONYM: DPM 518, Douglas #2 Solvent
2. MANUFACTURER'S NAME: Petroleum refiners: Standard Oil, Shell Oil, Phillips Oil.
3. MANUFACTURER'S ADDRESS: Practically all refiners make a close equivalent, e.g. Standard 350.
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe up or hose away, if no fire hazard. Cover with extinguisher foam if flames are within reach of vapors formed.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: Strong outer package, but may be cardboard. Carry appropriate DOT label for surface shipment or air shipment. Should be in metal container with screw cap, or friction lid should be held on with metal shipping clips.

6. FIRST AID TREATMENT:

A. SKIN CONTACT: Wipe dry, wash with soap & water, apply skin cream.

B. EYE CONTACT: Wash well with water.

C. INHALATION: No treatment normally required.

NOTE: Aspiration (liquid form entering lungs) is the greatest hazard, requires special treatment

D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting (to prevent aspiration). 2-4 oz. olive oil & 1-2 oz. activated charcoal. Lavage only if large quantity ingested and avoid aspiration. Render supportive treatment if central nervous system depression occurs.

7. PHYSIOLOGICAL PROPERTIES:

A. ACUTE ORAL TOXICITY: Slightly toxic.

B. LOCAL EFFECTS UPON EYES: Minimal irritation.

C. LOCAL EFFECTS UPON SKIN: Slight to moderate irritation.

D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Slightly toxic.

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor and irritation of mucous membranes above TLV.

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 500

8. CHEMICAL AND PHYSICAL PROPERTIES:

A. SPECIFIC GRAVITY (WATER = 1) 0.8

B. VAPOR DENSITY (AIR = 1) 4.9

C. VAPOR PRESSURE mm Hg AT 25°C. 0.3#/sq. in. (Reed vapor pressure) - not measurable

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Negligible

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
These materials are separated from petroleum by heat and distillation. They are a mixture of varying proportions of the following ingredients: 15-20% mixed aromatic hydrocarbons and 80-85% mixed aliphatic hydrocarbons.	

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid prolonged contact with skin or concentrated vapors. Do not take internally.

10. RECOMMENDED PROTECTIVE EQUIPMENT: None, except for protective gloves for prolonged handling, or supply of fresh air for spray painting in an enclosed area.

11. A. FLASHPOINT °F: CLOSED CUP 100-105°F; OPEN CUP 110-115; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

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Distillation range 300-400°F

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER 1.1%; UPPER 6.4%

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO XX

D. FIRE POINT °F 120-130; AUTO IGNITION TEMPERATURE °F 600-610°F

E. VAPOR DENSITY See other side

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Soot, unsaturated hydrocarbons (causing smog)

G. SUITABLE EXTINGUISHING AGENTS: foam

12. INFORMATION FURNISHED BY: T. V. Whittington

TITLE: Materials Research & Development Engineer

COMPANY: McDonnell Douglas Corporation, Douglas Aircraft Company

ADDRESS: Long Beach, California

DATE: 11/24/70

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.



RECEIVED
PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OKLAHOMA 74003 918 336-6600

ENGINEERING DEPARTMENT

DACO

December 16, 1970

Hazardous Materials
Data Sheet

Hale-140-70

Mr. J. J. Baldi, Buyer
MRO Supplies and Capital Equipment
Douglas Aircraft Company
3855 Lakewood Boulevard
Long Beach, California 90801

Dear Sir:

In response to your request, attached is the subject data sheet
for the following Phillips Petroleum Company product:

Petroleum Spirits

Very truly yours,

J. W. Hale
Technical Representative

JWH:ss
Attach.